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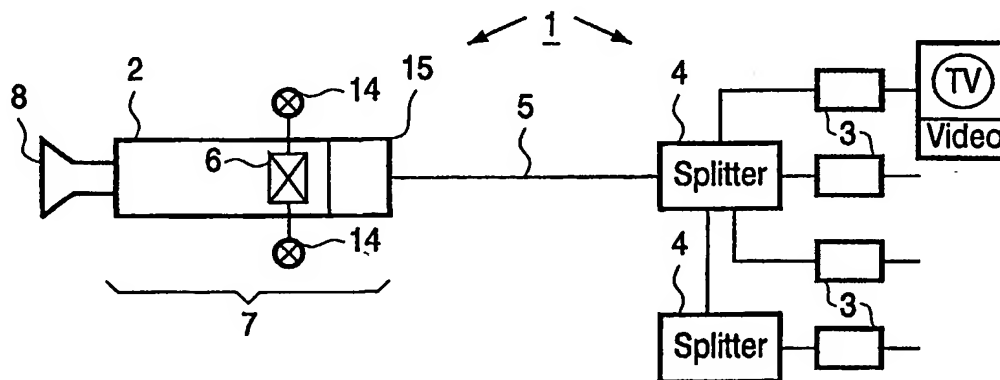
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(54) Title: **HEAD END HAVING A LOW NOISE CONVERTER WITH CHANNEL PRESELECTING FREQUENCY MULTIPLEXOR**



(57) **Abstract:** A head end (7) comprises a low noise converter (2) for providing signal bands including channels to one or more user units (3). The low noise converter is arranged as a low noise channel converter (2), which includes frequency multiplexing means (6) for multiplexing one or more user pre-selected channels to the user units (3). By effecting pre-selection in the low noise channel converter (2) the connection between the head end (7) and the user units (3) only contains a single communication medium (5), generally an already installed coaxial cable (5). Wanted channels for example for watching one television program and simultaneously recording another program are pre-selected and at the side of the low noise block put on the one cable.